```
? show files;ds
File 476: Financial Times Fulltext 1982-2006/Apr 20
         (c) 2006 Financial Times Ltd
File 621:Gale Group New Prod.Annou.(R) 1985-2006/Apr 19
         (c) 2006 The Gale Group
File 624:McGraw-Hill Publications 1985-2006/Apr 19
         (c) 2006 McGraw-Hill Co. Inc
File 636:Gale Group Newsletter DB(TM) 1987-2006/Apr 18
         (c) 2006 The Gale Group
File 634:San Jose Mercury Jun 1985-2006/Apr 18
         (c) 2006 San Jose Mercury News
File 141:Readers Guide 1983-2004/Dec
         (c) 2005 The HW Wilson Co
File 646:Consumer Reports 1982-2006/Mar
         (c) 2006 Consumer Union
        Items
                Description
Set
                VERIF? OR VALIDAT? OR CONFIRM? OR AUTHENTICAT? OR CERTIFY -
S1
      1346066
             OR CERTIFI? OR SUBSTANTIAT? OR AUTHORIZ? OR AUTHORIS?
                (FRAUD OR CHEAT??? OR THEFT OR STEAL??? OR DEFRAUD???) (2N) -
S2
             (DETECT??? OR FIND??? OR DISCOVER??? OR DETERMIN? OR CATCH???
             OR PREVENT??? OR REDUC??? OR REDUCTION)
               VOICE? ? OR VOICEPRINT? OR SPEECH?? OR VOCAL OR PHONIC OR -
       974288
s3
             AUDIO OR VOX
              SIGNATURE OR RECOGNI? OR IDENTIFICATION OR ID OR FINGERPRI-
S4
      1149791
             NT???
              ALL OR EVERY OR EACH OR ANY
$5
     10023218
                PROCEDURE? ? OR OPERATION? ? OR INTERACTION? ? OR DEALING?
      8209041
             ? OR ACT OR ACTS OR ACTION? ? OR TRADE? ? OR TRANSACTION? ? OR
              PURCHAS??? OR EXCHANG??? OR DEAL? ? OR SALE? ? OR TRANSFER? -
             OR ACTIVITY OR EVENT? ?
s7
        26619
               S3 (2N) S4
       995423
                S5 (5N) S6
S8
S9 1410 4(S1 OR S2) (S) S7/(S) S8.
           20
                S9 NOT PY>2000
S10
                S10 NOT PD=20000701:20060531
           19
S11
                RD
                   (unique items)
S12
```

Description Items Set VERIF? OR VALIDAT? OR CONFIRM? OR AUTHENTICAT? OR CERTIFY -3255872 S1 OR CERTIFI? OR SUBSTANTIAT? OR AUTHORIZ? OR AUTHORIS? (FRAUD OR CHEAT??? OR THEFT OR STEAL??? OR DEFRAUD???) (2N) -37835 S2 (DETECT??? OR FIND??? OR DISCOVER??? OR DETERMIN? OR CATCH??? OR PREVENT??? OR REDUC??? OR REDUCTION) VOICE? ? OR VOICEPRINT? OR SPEECH?? OR VOCAL OR PHONIC OR -2187391  $s_3$ AUDIO OR VOX 2649993 SIGNATURE OR RECOGNI? OR IDENTIFICATION OR ID OR FINGERPRI-S4NT??? ALL OR EVERY OR EACH OR ANY S5 19370973 PROCEDURE? ? OR OPERATION? ? OR INTERACTION? ? OR DEALING? S6 ? OR ACT OR ACTS OR ACTION? ? OR TRADE? ? OR TRANSACTION? ? OR PURCHAS??? OR EXCHANG??? OR DEAL? ? OR SALE? ? OR TRANSFER? -OR ACTIVITY OR EVENT? ? s7 30632 S3 (2N) S4 S8 2142573 S5 (5N) S6 161 (S1 OR S2) (S) S7 (S) S8 S9 17 -S9-NOT-PY>2000-S10 S10 NOT PD=20000701:20060531 16 S11 13 RD (unique items) S12

```
? show files;ds
       1:ERIC 1966-2006/Mar
File
          (c) format only 2006 Dialog
       2:INSPEC 1898-2006/Apr W2
File
          (c) 2006 Institution of Electrical Engineers
       6:NTIS 1964-2006/Apr W2
File
          (c) 2006 NTIS, Intl Cpyrght All Rights Res
       8:Ei Compendex(R) 1970-2006/Apr W2
File
          (c) 2006 Elsevier Eng. Info. Inc.
      34:SciSearch(R) Cited Ref Sci 1990-2006/Apr W2
          (c) 2006 Inst for Sci Info
      35:Dissertation Abs Online 1861-2006/Mar
          (c) 2006 ProQuest Info&Learning
File 65: Inside Conferences 1993-2006/Apr 19
          (c) 2006 BLDSC all rts. reserv.
File 94:JICST-EPlus 1985-2006/Jan W4
          (c)2006 Japan Science and Tech Corp(JST)
      99:Wilson Appl. Sci & Tech Abs 1983-2006/Mar
          (c) 2006 The HW Wilson Co.
File 239: Mathsci 1940-2006/May
          (c) 2006 American Mathematical Society
File 256:TecInfoSource 82-2006/May
          (c) 2006 Info.Sources Inc
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
          (c) 1998 Inst for Sci Info
File 474: New York Times Abs 1969-2006/Apr 18
          (c) 2006 The New York Times
File 475: Wall Street Journal Abs 1973-2006/Apr 10
          (c) 2006 The New York Times
File 583: Gale Group Globalbase (TM) 1986-2002/Dec 13
          (c) 2002 The Gale Group
        Items
                 Description
                 VERIF? OR VALIDAT? OR CONFIRM? OR AUTHENTICAT? OR CERTIFY -
S1
      2275732
              OR CERTIFI? OR SUBSTANTIAT? OR AUTHORIZ? OR AUTHORIS?
                 (FRAUD OR CHEAT??? OR THEFT OR STEAL??? OR DEFRAUD???) (2N) -
S2
          4247
              (DETECT??? OR FIND??? OR DISCOVER??? OR DETERMIN? OR CATCH???
              OR PREVENT??? OR REDUC??? OR REDUCTION)
                 VOICE? ? OR VOICEPRINT? OR SPEECH?? OR VOCAL OR PHONIC OR -
S3
             AUDIO OR VOX
S4
      2082507
                 SIGNATURE OR RECOGNI? OR IDENTIFICATION OR ID OR FINGERPRI-
             NT???
      9955782
                 ALL OR EVERY OR EACH OR ANY
S5
                PROCEDURE? ? OR OPERATION? ? OR INTERACTION? ? OR DEALING?
S6
     15033047
              ? OR ACT OR ACTS OR ACTION? ? OR TRADE? ? OR TRANSACTION? ? OR
               PURCHAS??? OR EXCHANG??? OR DEAL? ? OR SALE? ? OR TRANSFER? -
             OR ACTIVITY OR EVENT? ?
        65890
                 S3 (2N) S4
s7
        435685
S8
                 S5 (5N) S6
                (S1 OR S2)(S)S7(S)S8
S9
                 S9 NOT PY>2000
S10
            23
                S10 NOT PD=20000701:20060531
S11
            2.3
            17
                RD (unique items)
S12
```

```
(c) 2006 European Patent Office
File 349:PCT FULLTEXT 1979-2006/UB=20060413,UT=20060406
         (c) 2006 WIPO/Univentio
        Items
                Description
Set
                VERIF? OR VALIDAT? OR CONFIRM? OR AUTHENTICAT? OR CERTIFY -
S1
       414107
             OR CERTIFI? OR SUBSTANTIAT? OR AUTHORIZ? OR AUTHORIS?
                 (FRAUD OR CHEAT??? OR THEFT OR STEAL??? OR DEFRAUD???) (2N) -
         5729
S2
              (DETECT??? OR FIND??? OR DISCOVER??? OR DETERMIN? OR CATCH???
             OR PREVENT??? OR REDUC??? OR REDUCTION)
                VOICE? ? OR VOICEPRINT? OR SPEECH?? OR VOCAL OR PHONIC OR -
       157628
S3
             AUDIO OR VOX
                SIGNATURE OR RECOGNI? OR IDENTIFICATION OR ID OR FINGERPRI-
S4
       580382
             NT???
                ALL OR EVERY OR EACH OR ANY
S5
      1907129
                PROCEDURE? ? OR OPERATION? ? OR INTERACTION? ? OR DEALING?
S6
      1821691
             ? OR ACT OR ACTS OR ACTION? ? OR TRADE? ? OR TRANSACTION? ? OR
              PURCHAS??? OR EXCHANG??? OR DEAL? ? OR SALE? ? OR TRANSFER? -
             OR ACTIVITY OR EVENT? ?
S7
        17884
                S3 (2N) S4
       440143
                S5 (5N) S6
S8
          235
                 (S1 OR S2)(S)S7(S)S8
S9
                IC=(G06F-017? OR G06F-007? OR G10L-011? OR G01L-021? OR G0-
        63291
S10
             60-030? OR G06F-0017? OR G06F-0007? OR G10L-0011? OR G01L-002-
             1? OR G06Q-0030?)
           72
                S9 AND S10
S11
                 (S1 OR S2) (10N) S7 (10N) S8
S12
           21
                 (S1 OR S2) (20N) S7 (20N) S8
           58
S13
           17
                S10 AND S13
S14
           33
                S12 OR S14
S15
                S10 AND S12
S16
           12)
S17
                S14 OR S16
           17
S18
                IDPAT (sorted in duplicate/non-duplicate order)
```

IDPAT (primary/non-duplicate records only)



16

S19

? show files;ds

File 348: EUROPEAN PATENTS 1978-2006/ 200615

```
? show files;ds
  File 347: JAPIO Dec 1976-2005/Dec (Updated 060404)
                         (c) 2006 JPO & JAPIO
  File 350:Derwent WPIX 1963-2006/UD,UM &UP=200625
                         (c) 2006 Thomson Derwent
  File 371:French Patents 1961-2002/BOPI 200209
                         (c) 2002 INPI. All rts. reserv.
   File 344: Chinese Patents Abs Jan 1985-2006/Jan
                         (c) 2006 European Patent Office
                                         Description
   Set
                      Items
                                         VERIF? OR VALIDAT? OR CONFIRM? OR AUTHENTICAT? OR CERTIFY -
                    283009
   S1
                                  OR CERTIFI? OR SUBSTANTIAT? OR AUTHORIZ? OR AUTHORIS?
                                         (FRAUD OR CHEAT??? OR THEFT OR STEAL??? OR DEFRAUD???) (2N) -
   S2
                      10770
                                   (DETECT??? OR FIND??? OR DISCOVER??? OR DETERMIN? OR CATCH???
                                  OR PREVENT??? OR REDUC??? OR REDUCTION)
                                        VOICE? ? OR VOICEPRINT? OR SPEECH?? OR VOCAL OR PHONIC OR -
   S3
                   310207
                                  AUDIO OR VOX
                                        SIGNATURE OR RECOGNI? OR IDENTIFICATION OR ID OR FINGERPRI-
                   497594
   S4
                                  NT???
   S5
                 4695452
                                        ALL OR EVERY OR EACH OR ANY
                                         PROCEDURE? ? OR OPERATION? ? OR INTERACTION? ? OR DEALING?
   S6
                 4911445
                                  ? OR ACT OR ACTS OR ACTION? ? OR TRADE? ? OR TRANSACTION? ? OR
                                     PURCHAS??? OR EXCHANG??? OR DEAL? ? OR SALE? ? OR TRANSFER? -
                                  OR ACTIVITY OR EVENT? ?
                      47079
                                        S3 (2N) S4
   s7
                    189598
                                         S5 (5N) S6
   S8
                                          (S1 OR S2)(S)S7(S)S8
                             17
   S9
                                          (S1 OR S2) AND S7 AND S8
                             70
   S10
                                         IC = (G06F - 017? OR G06F - 007? OR G10L - 011? OR G01L - 021? OR G0 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 - 010 -
                    420027
   S11
                                  6Q-030? OR G06F-0017? OR G06F-0007? OR G10L-0011? OR G01L-002-
                                  1? OR G06Q-0030?)
   S12
                                          S10 AND S11
CS13
                                          S9 OR S12
   S14
                                          IDPAT (sorted in duplicate/non-duplicate order)
   S15
                             26
                                          IDPAT (primary/non-duplicate records only)
```

```
AU=TOMIHIKO(2N)AZUMA OR BY=TOMIHIKO(2N)AZUMA
S6
         2079
                S1:S6
s7
                S7 FROM 347,348,349,350,371
          378
S8
                IC=(G06F-017? OR G06F-007? OR G10L-011? OR G01L-021? OR G0-
S9
           27
             6Q-030? OR G06F-0017? OR G06F-0007? OR G10L-0011? OR G01L-002-
             1? OR G06Q-0030?)
                S8 AND S9
S10
           27
                VOICE? ? OR VOICEPRINT? OR SPEECH?? OR VOCAL OR PHONIC OR -
S11
            AUDIO OR VOX
                S10 AND S11
            3
S12
                S8 AND S11
            5
S13
            5
                S12 OR S13
S14
                IDPAT (sorted in duplicate/non-duplicate order)
            5
S15
                IDPAT (primary/non-duplicate records only)
S16
            4
S17
         1701
                S7 NOT S8
                S11 AND S17
S18
            9
            2
                S18 NOT PY>2000
S19
                S19 NOT PD=20000701:20060531
            2
S20
                RD (unique items)
S21
               -s16-or-s21
($22°
```

```
(c) 2006 The Gale Group
File 476: Financial Times Fulltext 1982-2006/Apr 20
         (c) 2006 Financial Times Ltd
File 613:PR Newswire 1999-2006/Apr 19
         (c) 2006 PR Newswire Association Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2006/Apr 19
         (c) 2006 The Gale Group
File 624:McGraw-Hill Publications 1985-2006/Apr 19
         (c) 2006 McGraw-Hill Co. Inc
File 636:Gale Group Newsletter DB(TM) 1987-2006/Apr 18
         (c) 2006 The Gale Group
File 634:San Jose Mercury Jun 1985-2006/Apr 18
         (c) 2006 San Jose Mercury News
File 610: Business Wire 1999-2006/Apr 19
         (c) 2006 Business Wire.
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 47:Gale Group Magazine DB(TM) 1959-2006/Apr 19
         (c) 2006 The Gale group
File 635:Business Dateline(R) 1985-2006/Apr 19
         (c) 2006 ProQuest Info&Learning
File 570: Gale Group MARS(R) 1984-2006/Apr 18
         (c) 2006 The Gale Group
File 13:BAMP 2006/Apr W2
         (c) 2006 The Gale Group
    56:Computer and Information Systems Abstracts 1966-2006/Apr
File
         (c) 2006 CSA.
File 75:TGG Management Contents(R) 86-2006/Apr W2
         (c) 2006 The Gale Group
File 647:CMP Computer Fulltext 1988-2006/May W1
         (c) 2006 CMP Media, LLC
File 674: Computer News Fulltext 1989-2006/Apr W3
         (c) 2006 IDG Communications
File 696:DIALOG Telecom. Newsletters 1995-2006/Apr 18
         (c) 2006 Dialog
File 369: New Scientist 1994-2006/Sep W1
         (c) 2006 Reed Business Information Ltd.
File 370:Science 1996-1999/Jul W3
         (c) 1999 AAAS
File 482:Newsweek 2000-2006/Apr 17
         (c) 2006 Newsweek, Inc.
File 483: Newspaper Abs Daily 1986-2006/Apr 17
         (c) 2006 ProQuest Info&Learning
File 484: Periodical Abs Plustext 1986-2006/Apr W2
         (c) 2006 ProQuest
File 996:NewsRoom 2000
         (c) 2005 Dialog
File 141:Readers Guide 1983-2004/Dec
         (c) 2005 The HW Wilson Co
File 646:Consumer Reports 1982-2006/Mar
         (c) 2006 Consumer Union
Set
        Items
                Description
                AU='AZUMA T':AU='AZUMA T.'
         1488
           30
                AU='AZUMA TOMIHIKO'
S2
           10
                AU='AZUMA TOMOHIKO'
S3
                AU='AZUMA, T':AU='AZUMA, T. ET AL'
S4
                AU='AZUMA, TOMIHIKO'
```

Caryn S. Wesner-Early EIC 3600